FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO: FOWLKES = 4B	SERIAL NO: 09/050,359
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT: FOWLKES, et al.	
		FILING DATE: March 31, 1998	GROUP: ~~1618~~ 1627

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U.S. PATENT DOCUMENTS (include at least patentee, patent number and issue date)

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	PATENTEE	CLASS	SUB-CLASS	FILING DATE IF APPROP.
PP	AA	5	2	2	3	4	0	9	29JUN1993	LADNER, et al.			
	AB												
	AC												
	AD												
	AE												
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												

FOREIGN PATENT DOCUMENTS (include at least document number, publication date and country)

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES/NO
PP	AL	9	6	0	4	5	5	7	15FEB1996	WIPO			YES
	AM												
	AN												
	AO												

OTHER DOCUMENTS (include author, title, name of publication, volume, pages & date of publication)

PP	AP	BOTTGER, et al., Identification of novel mdm2 binding peptides by phage display, ONCOGENE, vol. 13, pgs. 2141-2147, 1996.
PP	AQ	LU, et al., Expression of Thioredoxin Random Peptide Libraries on the Escherichia coli Cell Surface as Functional Fusions to Flagellin: A System Designed for Exploring Protein-Protein Interactions, BIO/TECHNOLOGY, vol. 13, pgs. 366-372, April 1995.
PP	AR	SPARKS, et al., Distinct ligand preferences of Src homology 3 domains from Src, Yes, Abl, Cortactin, p53bp2, PLCγ, Crk, and Grb2, PROC. NATL. ACAD. SCI. USA, vol. 93, pgs. 1540-1544, February 1996.
PP	AS	VALADON, et al., Peptide Libraries Define the Fine Specificity of Anti-polysaccharide Antibodies to Cryptococcus neoformans, J. MOL. BIOL., vol. 261, pgs. 11-22, 1996.
PP	AT	VILLAR, et al., Amino acid preferences at protein binding sites, FEBS, vol. 349, pgs. 125-130, 1994.
PP	AU	YU, et al., Structural Basis for the Binding of Proline-Rich Peptides to SH3 Domains, CELL, vol. 76, pgs. 933-945, March 11, 1994.

EXAMINER	P. Ponnaluri	DATE CONSIDERED	9/17/01

EXAMINER: Initial if reference considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. FOWLKES=4	SERIAL NO. 08/760,673 09/050,359
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT: FOWLKES et al.	
		FILING DATE: 10/31/96	GROUP: 1815 1627

U.S. PATENT DOCUMENTS (include at least patentee, patent number, and issue date)

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PP	AA	5 2 8 8 5 1 4	2/22/94	ELLMAN			
	AB	4 4 6 1 6 1 9	8/24/84	HENDRY et al.			
	AC	5 4 4 9 7 5 4	9/12/95	NISHIOKA			
	AD	5 5 0 6 3 3 7	4/9/96	SUMMERTON et al.			
	AE	5 5 4 5 5 6 8	8/13/96	ELLMAN			
	AF	5 5 3 9 0 8 3	7/23/96	COOK et al.			
✓	AG	5 5 4 9 9 7 4	8/27/96	HOLMES			
✓	AH	5 5 5 6 7 6 2	9/17/96	PINILLA et al.			
	AI						

FOREIGN PATENT DOCUMENTS (include at least document number, publication date and country)

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
PP	AJ	9 5 1 9 3 5 9	7/20/95	WO WIPO			✓	
PP	AK	9 4 0 1 1 0 2	1/20/94	WO WIPO			✓	

OTHER DOCUMENTS (include author, title, name of publication, volume, pages, and date of publication)

PP	AL	Giebel, L. et al., "Screening of Cyclic Peptide Phage Libraries Identifies Ligands that Bind Streptavidin with High Affinities", BIOCHEMISTRY 34:15430-15435 (1995).
	AM	Kay, Brian K., et al., "An M13 phage library displaying random 38-amino-acid peptides as a source of novel sequences with affinity to seleted targets", GENE 128:59-65 (1993).
	AN	Lam, Kit S. et al., "A new type of synthetic peptide library for identifying ligand-binding activity" NATURE 354:82-84 (1991).
✓	AO	Smith, George P. et al., "A ribonuclease S-peptide antagonist discovered with a bacteriophage display library", GENE 128:37-42 (1993).

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. FOWLKES=4	SERIAL NO. ~~08/740,611~~ 09/050,359
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT: FOWLKES et al.	
		FILING DATE: October 31, 1996	GROUP: ~~1815~~ 1627

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PP	BP	Healy, Judith M. et al., "Peptide ligands for Integrin αvβ3 selected from random phage display libraries", BIOCHEMISTRY 34:3948-3955 (1995).
	BQ	Koivunen, Erkki et al., "Isolation of a highly specific ligand for the α5β1 integrin from a phage display library", J. CELL BIOLOGY 124:373-380 (1994).
	BR	Houghten, Richard A. et al., "Generation and use of synthetic peptide combinatorial libraries for basic research and drug discovery", NATURE 354:84-86 (1991).
	BS	Marks, James D. et al., "By-passing Immunization Human Antibodies from V-gene Libraries Displayed on Phage", J. MOL. BIOL. 222:581-597 (1991).
	BT	Colas, Pierre et al., "Genetic selection of peptide aptamers that recognize and inhibit cyclin-dependent kinase 2", NATURE 380:548-550 (1996).
	BU	Smith, "Filamentous fusion phage: Novel expression vectors that display cloned antigens on the virion surface", SCIENCE 128:1315-1317 (1985).
	BV	Schmitz, Rita et al, "Catalytic Specificity of Phosphotryosine Kinases Blk, Lyn, c-Src and Syk as Assessed by Phage Display", J. MOL. BIOL. 260:664-677 (1996).
	BW	Hong and Boulanger, "Protein ligands of the human adenovirus type 2 outer capsid idnetified by biopanning of a phage-displayed peptide library on separate domains of wild-type and mutant penton capsomers", EMBO J. 14 no. 19:4714-4727 (1995).
	BX	Simon et al., "Peptoids:A moldular approach to drug discovery", PROC. NATL. ACAD. SCI. USA 89:9367-9371(1992)
	BY	Bunin et al., "The combinatorial synthesis and chemical and biological evaluation of a 1,4-benzodiazepine library", PROC. NATL. ACAD. SCI. USA 91:4708-4712 (1994).
	BZ	DeWitt et al., "'Diversomers': An approach to nonpeptide, nonoligomeric chemical diversity", PROC. NATL. ACAD. SCI. USA 90:6909-6913 (1993).
	CA	Chen et al., "'Analogous' Organic Synthesis of Small-Compound Libraries: Validation of Combinatorial Chemistry in Small-Molecule Synthesis", J. AM. CHEM. SOC. 116:2661-2662 (1994).
	CB	Bunin et al., "A General and Expedient Method for the Solid-Phase Synthesis of 1,4-Benzodiazepine Derivatives", J. AM. CHEM. SOCIETY 114:10997-10998 (1992).
	CC	

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO: FOWLKES = 4	SERIAL NO: ~~08/740,671~~ 09/050,359
		APPLICANT:	
	LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)	FOWLKES, et al.	
		FILING DATE: October 31, 1996	GROUP: ~~1818~~ 1627

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U.S. PATENT DOCUMENTS (include at least patentee, patent number and issue date)

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	PATENTEE	CLASS	SUB-CLASS	FILING DATE IF APPROP.
PP	AA	4	6	6	4	9	8	9	12MAY1987	JOHNSON			
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	AL												
	AM												
	AN												
	AO												

OTHER DOCUMENTS (include author, title, name of publication, volume, pages & date of publication)

PP	AP	EICHLER, et al., Peptide, Peptidomimetic, and Organic Synthetic Combinatorial Libraries, MEDICAL RESEARCH REVIEWS, vol. 15, no. 6, pp. 481-496, 1995.
	AQ	ELLINGTON, et al., In vitro selection of RNA molecules that bind specific ligands, NATURE, vol. 346, pp. 818-822, August 30, 1990.
	AR	JACOBSSON, et al., Cloning of Ligand-Binding Domains of Bacterial Receptors by Phage Display, BIOTECHNIQUES, vol. 18, no. 5, pp. 878-885, 1995.
	AS	SAGGIO, et al., Biotin binders selected from a random peptide library expressed on phage, BIOCHEM J., vol. 293 (Pt 3), pp. 613-6, 1993, (Abstract).
	AT	SEPETOV, et al., Library of libraries: Approach to synthetic combinatorial library design and screening of "pharmacophore" motifs, PROC. NATL. ACAD. SCI. USA, vol. 92, pp. 5426-5430, June 1995.
	AU	SIANI, et al., Chuckles: A Method for Representing and Searching Peptide and Peptoid Sequences on Both Monomer and Atomic Levels, J. CHEM. INF. COMPUT. SCI., vol. 34, pp. 588-593, 1994.
	AV	SPARKS, et al., Cloning of ligand targets: Systematic isolation of SH3 domain-containing proteins, NATURE BIOTECHNOLOGY, vol. 14, pp. 741-744, June 1996.

EXAMINER P. Ponnalux	DATE CONSIDERED 9/17/01

EXAMINER: Initial if reference considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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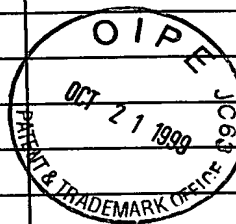| FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO: FOWLKES = 4	SERIAL NO: 08/740,671 09/050,35̶9̶
	LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)	APPLICANT: FOWLKES, et al.	
		FILING DATE: October 31, 1996	GROUP: 1818 1627

U.S. PATENT DOCUMENTS (include at least patentee, patent number and issue date)

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUB-CLASS	FILING DATE IF APPROP.
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FOREIGN PATENT DOCUMENTS (include at least document number, publication date and country)

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES/NO
ρρ	AL	WO	97	4	0	0	6	5	10-30-97	~~PCT~~ WIPO			
	AM	WO	97	2	9	3	7	2	8-14-97	~~PCT~~ WIPO			
	AN	WO	96	0	9	4	1	1	3-28-96	~~PCT~~ WIPO			
	AO												

OTHER DOCUMENTS (include author, title, name of publication, volume, pages & date of publication)

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